

ABSTRACT**RELIABLY TRANSMITTING A FRAME TO MULTIPLE DESTINATIONS
BY EMBEDDING SEQUENCE NUMBERS IN THE FRAME**

5 A method, system and computer program product for reliably transmitting a
frame. A transmitting node may be coupled to a plurality of destination nodes. The
transmitting node may insert in a frame, e.g., multicast frame, to be transmitted to any
two or more destination nodes coupled to the transmitting node two or more sequence
10 numbers in the frame to be transmitted. The two or more sequence numbers may be
associated with the two or more destination nodes. Upon transmitting the frame, the
transmitting node may store a copy of the frame transmitted. Upon verifying that the
frame has been delivered to each destination node to receive the frame, the memory
associated with the transmitted frame may be released.

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